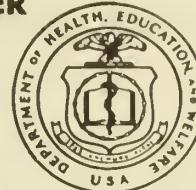


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## COMMUNICABLE DISEASE CENTER



# Morbidity and Mortality

Vol. 14, No. 13

## WEEKLY REPORT

Week Ending April 3, 1965

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

## EPIDEMIOLOGICAL NOTES

## PARALYTIC POLIOMYELITIS

Through the week ended April 3, 5 cases of paralytic poliomyelitis have been reported in the United States. This compares to 14 paralytic cases reported during the corresponding period in 1964.

Two of the 1965 cases have been reported from Arizona and California; Minnesota and Texas have each reported one case.

There have now been 4 paralytic cases reported by Arizona since November 1964. In addition, two suspect cases are under investigation. As shown on p. 114, 5 of the 6 Arizona cases are from Pinal County where a mass immunization program utilizing Type I oral polio vaccine from the CDC epidemic reserve is currently underway. The immunization program, aimed at all those under 18

## EPIDEMIOLOGICAL NOTES

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years-of-age, began on Sunday, April 4 and will continue through the end of the week.

(Reported by Dr. William J. Moore, Commissioner of Health, Dr. Philip Hotchkiss, Acting Director, Division of Acute Communicable Disease Control, Arizona State Department of Health and Mr. Frank R. Williams, M.S.P.H., Director, Pinal County Health Department and a team from the Communicable Disease Center.)

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
(Cumulative totals include revised and delayed reports through previous weeks)

| Disease  | 13th Week Ended  |                   | Median<br>1960 - 1964 | Cumulative, First 13 Weeks |         | Median<br>1960 - 1964 |
|--|------------------|-------------------|-----------------------|----------------------------|---------|-----------------------|
|  | April 3,<br>1965 | March 28,<br>1964 |                       | 1965                       | 1964    |                       |
| Aseptic meningitis .....                                 | 42               | 30                | 27                    | 376                        | 345     | 290                   |
| Brucellosis .....  | 5                | 6                 | 8                     | 56                         | 91      | 91                    |
| Diphtheria .....   | 6                | 2                 | 5                     | 59                         | 50      | 134                   |
| Encephalitis, primary infectious ..                      | 28               | 36                | ---                   | 378                        | 402     | ---                   |
| Encephalitis, post-infectious .....                      | 17               | 23                | ---                   | 185                        | 152     | ---                   |
|  |                  |                   |                       |                            |         |                       |
| Hepatitis, infectious including<br>serum hepatitis ..... | 816              | 828               | 845                   | 10,289                     | 12,118  | 13,805                |
| Measles .....  | 10,763           | 19,496            | 16,428                | 116,535                    | 145,414 | 145,414               |
| Meningococcal infections .....                           | 120              | 71                | 54                    | 1,137                      | 817     | 716                   |
| Poliomyelitis, Total .....                               | 2                | 2                 | 4                     | 6                          | 19      | 76                    |
| Paralytic .....  | 1                | 1                 | 3                     | 5                          | 14      | 49                    |
| Nonparalytic .....                                       | 1                | -                 | ---                   | 1                          | 4       | ---                   |
| Unspecified .....  | -                | 1                 | ---                   | -                          | 1       | ---                   |
|  |                  |                   |                       |                            |         |                       |
| Streptococcal Sore Throat and<br>Scarlet fever .....     | 11,683           | 11,671            | 9,295                 | 146,252                    | 139,385 | 124,315               |
| Tetanus .....  | 8                | 1                 | ---                   | 48                         | 45      | ---                   |
| Tularemia .....  | 2                | 2                 | ---                   | 53                         | 70      | ---                   |
| Typhoid fever .....                                      | 11               | 5                 | 5                     | 90                         | 80      | 103                   |
| Rabies in Animals .....                                  | 125              | 105               | 80                    | 1,267                      | 1,031   | 1,011                 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

|                          | Cum. |                              | Cum. |
|--------------------------|------|------------------------------|------|
| Anthrax: Pa.-1           | 3    | Rabies in Man:               | -    |
| Botulism: Ala.-1         | 2    | Smallpox:                    | -    |
| Leptospirosis:           | 10   | Trichinosis: Wisc.-1, R.I.-1 | 47   |
| Malaria: Va.-1, Calif.-1 | 11   | Typhus-                      | 4    |
| Plague:                  | -    | Murine:                      | 6    |
| Psittacosis:             | 6    | Rky Mt. Spotted:             | 6    |

## EPIDEMIOLOGICAL NOTES - Continued

## PARALYTIC POLIOMYELITIS - ARIZONA

| COUNTY    | CITY        | AGE    | SEX | ONSET DATE | VACCINE STATUS |     | REMARKS         |
|-----------|-------------|--------|-----|------------|----------------|-----|-----------------|
|           |             |        |     |            | IPV            | OPV |                 |
| Chochise* | Douglas     | 4 mo.  | M   | 11-19-64   | 0              | 0   | died 11-21-64   |
| Pinal*    | Casa Grande | 2 yrs. | F   | 12-27-65   | 0              | 0   |                 |
| Pinal*    | Eloy        | 3 yrs. | F   | 2-17-65    | 0              | 0   |                 |
| Pinal*    | Maricopa    | 17 mo. | F   | 2-19-65    | 1              | 0   | Type I isolated |
| Pinal**   | Eloy        | 3 mo.  | F   | 11-12-64   | 0              | 0   | died 11-13-64   |
| Pinal**   | Coolidge    | 2 yrs. | F   | 3-11-65    | 2              | 0   |                 |

\*reported cases

\*\*suspect cases

REPORTED CASES OF POST-INFECTIOUS AND POST-IMMUNIZATION  
ENCEPHALITIS, EIGHT WEEK PERIOD ENDING 2/27/65

| State                            | Mumps | Chickenpox | Measles | Rubella | Herpes Simplex | Pertussis | Influenza | Post-Immunization |
|----------------------------------|-------|------------|---------|---------|----------------|-----------|-----------|-------------------|
| Alaska .....                     | 1     | .....      | .....   | .....   | .....          | .....     | .....     | .....             |
| California.....                  | 37    | 3          | 4       | .....   | 1              | .....     | .....     | .....             |
| Connecticut.....                 | ..... | 1          | .....   | .....   | .....          | .....     | .....     | .....             |
| Georgia.....                     | ..... | .....      | 1       | .....   | .....          | .....     | .....     | .....             |
| Illinois.....                    | 4     | 4          | .....   | .....   | .....          | .....     | .....     | .....             |
| Iowa.....                        | 1     | .....      | .....   | 2       | .....          | .....     | .....     | .....             |
| Maine.....                       | ..... | .....      | 1       | .....   | .....          | .....     | .....     | .....             |
| Maryland.....                    | ..... | 1          | 2       | .....   | .....          | .....     | .....     | .....             |
| Michigan.....                    | ..... | 2          | .....   | .....   | .....          | .....     | .....     | .....             |
| Montana.....                     | ..... | .....      | .....   | 1       | .....          | .....     | .....     | .....             |
| New York                         |       |            |         |         |                |           |           |                   |
| Upstate                          | 7     | 3          | 2       | 1       | .....          | .....     | .....     | .....             |
| Pennsylvania..                   | 1     | 3          | .....   | .....   | .....          | .....     | .....     | .....             |
| Rhode Island ..                  | 5     | 1          | 3       | .....   | .....          | .....     | .....     | .....             |
| Tennessee ..                     | 1     | .....      | .....   | .....   | .....          | .....     | .....     | .....             |
| Texas .....                      | 2     | .....      | .....   | .....   | .....          | .....     | .....     | .....             |
| Virginia.....                    | ..... | 1          | .....   | .....   | .....          | .....     | .....     | .....             |
| Washington .....                 | ..... | 1          | .....   | .....   | .....          | .....     | .....     | .....             |
| U. S. Total ....                 | 59    | 20         | 13      | 4       | 1              | 0         | 0         | 0                 |
| U.S. Cumulative<br>Totals: 1965* | 59    | 20         | 13      | 4       | 1              | 0         | 0         | 0                 |
| 1964**                           | 53    | 4          | 7       | 1       | 0              | 1         | 1         | 0                 |

\*Includes revised and delayed reports.

\*\*Corresponding period in 1964.

(States not reporting a case not listed.)

## BOTULISM - Alabama

A case of botulism was reported during the current week from Alabama bringing the 1965 cumulative total to 2 cases. This compares to the 6 cases reported during the corresponding period in 1964.

A 68-year-old male from Fort Payne, Alabama, drank home-canned tomato juice about 8:00 a.m., April 2. The juice was canned in August 1964 by his wife. His wife, the only other member in the household, did not drink any tomato juice.

About 24 hours later, on Saturday morning, April 3, the patient suffered nausea, vomiting, abdominal pain and double vision. He was hospitalized on Sunday morning, April 4, in Chattanooga, Tennessee, with a blood pressure of 85/50, dilated pupils, difficulty in swallowing and respiratory difficulty. A tracheostomy was performed. There was involvement of the right ninth cranial nerve and the left sixth cranial nerve. The patient was administered four 10,000 unit doses of Botulinus Antitoxin A&B between hospitalization and Monday morning and is responding to treatment.

Two pint jars of tomato juice, one from which the patient drank and also an unopened jar, are under study at the Laboratory Branch of the Communicable Disease Center.

(Reported by Dr. Cecil Tucker, Director, Division of Preventable Diseases, Tennessee Department of Public Health, and Dr. W.H.Y. Smith, Director, Bureau of Preventable Diseases, Alabama State Department of Health.)

## INFLUENZA

Pneumonia and influenza deaths, as reported by U.S. cities, while only slightly elevated, continue to be above the epidemic threshold for the eighth consecutive week. Since the onset of this influenza season, measurable excess mortality (pneumonia and influenza deaths) has been evident in 7 of the 9 major geographic areas. While outbreaks have generally been scattered and sporadic, there have been some States (Mass., Conn., N. J., La., and Okla.) where widespread illness has been reported. The States where excess mortality has not occurred to date are the Mountain and Pacific States. The order in which excess mortality appeared (Middle Atlantic, New England, E.N. Central, W.N. Central, W.S. Central, South Atlantic, and E.S. Central) is in accord with recognized outbreaks of influenza and/or influenza-like illness in the respective areas. Excess mortality in all of the involved areas, with the exception of the E.S. Central States, is presently either well below the epidemic threshold or rapidly declining. (See figure below).

The major city currently contributing to excess mortality is Chattanooga, an area of known influenza-like illness. Other major cities in Tennessee (Nashville, Memphis, and Knoxville) have not reported excess mortality to date, although reporting of influenza-like illness has been increased in the Memphis and Nashville area.

The general decline in influenza throughout the U.S. is manifest by the absence of any new influenza outbreaks during the past two weeks.

## PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES

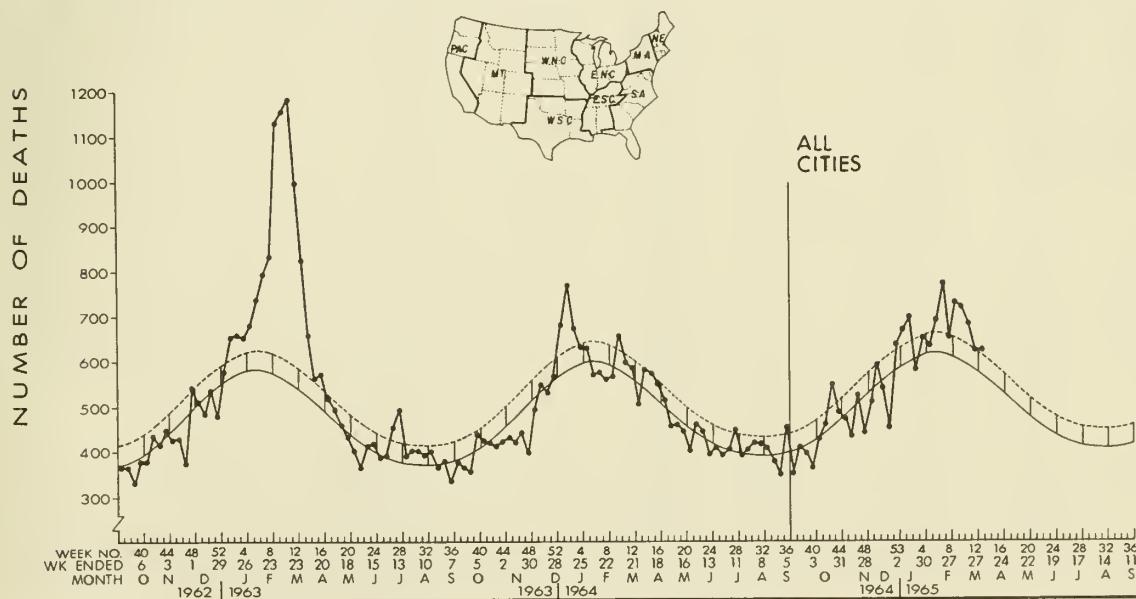


Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
 FOR WEEKS ENDED  
 APRIL 3, 1965 AND MARCH 28, 1964 (13th WEEK)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
APRIL 3, 1965 AND MARCH 28, 1964 (13th WEEK) - CONTINUED

| Area                    | Brucel-losis | Infectious Hepatitis including Serum Hepatitis |      |                |                   |                   | Meningococcal Infections |            |      | Tetanus |      |
|-------------------------|--------------|--|------|----------------|-------------------|-------------------|--------------------------|------------|------|---------|------|
|                         |              | Total incl. unk.                               |      | Under 20 years | 20 years and over | Cumulative Totals |                          | Cumulative |      | 1965    | Cum. |
|                         |              | 1965   | 1965 | 1965           | 1965              | 1964              | 1965                     | 1965       | 1964 |         |      |
| UNITED STATES...        | 5            | 816  | 369  | 381            | 10,289            | 12,118            | 120                      | 1,137      | 817  | 8       | 48   |
| NEW ENGLAND.....        | 1            | 52   | 24   | 28             | 620               | 1,380             | 7                        | 56         | 25   | 1       | 3    |
| Maine.....              | -            | 8  | 5    | 3              | 129               | 493               | -                        | 7          | 2    | -       | -    |
| New Hampshire.....      | -            | 3  | 1    | 2              | 53                | 118               | 1                        | 3          | -    | -       | 1    |
| Vermont.....            | -            | 1  | -    | 1              | 36                | 170               | -                        | -          | -    | -       | -    |
| Massachusetts.....      | 1            | 25   | 8    | 17             | 229               | 263               | 1                        | 20         | 13   | 1       | 2    |
| Rhode Island.....       | -            | 11   | 7    | 4              | 77                | 60                | 3                        | 10         | 2    | -       | -    |
| Connecticut.....        | -            | 4  | 3    | 1              | 96                | 276               | 2                        | 16         | 8    | -       | -    |
| MIDDLE ATLANTIC.....    | -            | 127  | 49   | 78             | 1,806             | 2,726             | 10                       | 152        | 79   | 1       | 3    |
| New York City.....      | -            | 33   | 9    | 24             | 331               | 382               | 2                        | 23         | 10   | -       | -    |
| New York, Up-State..... | -            | 42   | 19   | 23             | 811               | 1,251             | 2                        | 35         | 28   | -       | 1    |
| New Jersey.....         | -            | 31   | 15   | 16             | 257               | 470               | 5                        | 52         | 21   | -       | -    |
| Pennsylvania.....       | -            | 21   | 6    | 15             | 407               | 623               | 1                        | 42         | 20   | 1       | 2    |
| EAST NORTH CENTRAL...   | 2            | 121  | 63   | 48             | 1,976             | 1,801             | 16                       | 136        | 123  | 2       | 4    |
| Ohio.....               | -            | 38   | 16   | 16             | 613               | 481               | 5                        | 35         | 39   | -       | -    |
| Indiana.....            | -            | 7  | 4    | 2              | 156               | 143               | 2                        | 18         | 19   | 1       | 3    |
| Illinois.....           | 2            | 34   | 26   | 7              | 383               | 289               | 5                        | 35         | 27   | 1       | 1    |
| Michigan.....           | -            | 36   | 13   | 23             | 711               | 793               | 2                        | 25         | 31   | -       | -    |
| Wisconsin.....          | -            | 6  | 4    | -              | 113               | 95                | 2                        | 23         | 7    | -       | -    |
| WEST NORTH CENTRAL...   | 2            | 70   | 32   | 32             | 677               | 738               | 4                        | 61         | 37   | 1       | 3    |
| Minnesota.....          | -            | 7  | 3    | 2              | 60                | 52                | -                        | 13         | 8    | 1       | 2    |
| Iowa.....               | -            | 25   | 10   | 12             | 269               | 108               | -                        | 1          | 2    | -       | -    |
| Missouri.....           | 1            | 7  | 1    | 5              | 123               | 186               | -                        | 32         | 17   | -       | 1    |
| North Dakota.....       | -            | -  | -    | -              | 9                 | 32                | -                        | 3          | 3    | -       | -    |
| South Dakota.....       | 1            | -  | -    | -              | 8                 | 81                | -                        | 2          | -    | -       | -    |
| Nebraska.....           | -            | 2  | -    | 2              | 17                | 18                | 2                        | 4          | 2    | -       | -    |
| Kansas.....             | -            | 29   | 18   | 11             | 191               | 261               | 2                        | 6          | 5    | -       | -    |
| SOUTH ATLANTIC.....     | -            | 127  | 54   | 59             | 1,102             | 1,175             | 25                       | 230        | 172  | 1       | 13   |
| Delaware.....           | -            | 3  | 1    | 2              | 48                | 24                | -                        | 3          | 2    | -       | -    |
| Maryland.....           | -            | 31   | 19   | 12             | 240               | 220               | 2                        | 21         | 13   | -       | 1    |
| Dist. of Columbia..     | -            | 1  | -    | 1              | 13                | 25                | 1                        | 4          | 6    | -       | -    |
| Virginia.....           | -            | 51   | 19   | 21             | 256               | 173               | 4                        | 27         | 13   | -       | 2    |
| West Virginia.....      | -            | 12   | 10   | 2              | 188               | 213               | 2                        | 15         | 13   | -       | -    |
| North Carolina.....     | -            | 3  | -    | 3              | 93                | 211               | 2                        | 35         | 30   | -       | 1    |
| South Carolina.....     | -            | 1  | 1    | -              | 29                | 37                | 9                        | 34         | 19   | -       | -    |
| Georgia.....            | -            | 1  | 1    | -              | 42                | 26                | 1                        | 32         | 15   | -       | 3    |
| Florida.....            | -            | 24   | 3    | 18             | 193               | 246               | 4                        | 59         | 61   | 1       | 6    |
| EAST SOUTH CENTRAL...   | -            | 32   | 21   | 10             | 803               | 829               | 14                       | 71         | 71   | 1       | 9    |
| Kentucky.....           | -            | 4  | 3    | 1              | 284               | 371               | 1                        | 26         | 19   | -       | 1    |
| Tennessee.....          | -            | 17   | 11   | 5              | 326               | 282               | 3                        | 21         | 28   | -       | 3    |
| Alabama.....            | -            | 3  | 2    | 1              | 110               | 113               | 8                        | 18         | 13   | 1       | 4    |
| Mississippi.....        | -            | 8  | 5    | 3              | 83                | 63                | 2                        | 6          | 11   | -       | 1    |
| WEST SOUTH CENTRAL...   | -            | 67   | 31   | 33             | 934               | 862               | 21                       | 179        | 118  | -       | 7    |
| Arkansas.....           | -            | 9  | 5    | 4              | 143               | 106               | 1                        | 10         | 4    | -       | 2    |
| Louisiana.....          | -            | 6  | 2    | 3              | 162               | 164               | 17                       | 94         | 55   | -       | 2    |
| Oklahoma.....           | -            | 1  | -    | 1              | 31                | 51                | 1                        | 16         | 3    | -       | -    |
| Texas.....              | -            | 51   | 24   | 25             | 598               | 541               | 2                        | 59         | 56   | -       | 3    |
| MOUNTAIN.....           | -            | 62   | 19   | 12             | 616               | 790               | 2                        | 52         | 34   | -       | 1    |
| Montana.....            | -            | 4  | 2    | 1              | 52                | 73                | -                        | -          | -    | -       | -    |
| Idaho.....              | -            | 23   | -    | -              | 102               | 62                | 2                        | 7          | 1    | -       | -    |
| Wyoming.....            | -            | -  | -    | -              | 24                | 32                | -                        | 2          | 1    | -       | -    |
| Colorado.....           | -            | 21   | 10   | 11             | 109               | 216               | -                        | 9          | 7    | -       | 1    |
| New Mexico.....         | -            | 3  | 3    | -              | 114               | 135               | -                        | 16         | 16   | -       | -    |
| Arizona.....            | -            | 6  | -    | -              | 120               | 173               | -                        | 11         | 2    | -       | -    |
| Utah.....               | -            | 5  | 4    | -              | 90                | 75                | -                        | 5          | 1    | -       | -    |
| Nevada.....             | -            | -  | -    | -              | 5                 | 24                | -                        | 2          | 6    | -       | -    |
| PACIFIC.....            | -            | 158  | 76   | 81             | 1,755             | 1,817             | 21                       | 200        | 158  | 1       | 5    |
| Washington.....         | -            | 14   | 7    | 6              | 145               | 188               | 1                        | 14         | 14   | -       | -    |
| Oregon.....             | -            | 13   | 6    | 7              | 153               | 189               | 2                        | 16         | 7    | -       | -    |
| California.....         | -            | 127  | 60   | 67             | 1,336             | 1,339             | 17                       | 164        | 128  | 1       | 5    |
| Alaska.....             | -            | 4  | 3    | 1              | 109               | 57                | 1                        | 4          | 5    | -       | -    |
| Hawaii.....             | -            | -  | -    | -              | 12                | 44                | -                        | 2          | 4    | -       | -    |
| Puerto Rico             | -            | 25   | 17   | 8              | 298               | 206               | -                        | 3          | 13   | 1       | 9    |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
APRIL 3, 1965 AND MARCH 28, 1964 (13th WEEK) - CONTINUED

| Area                    | Measles |            |         | Strept. Sore Th. & Scarlet Fev. |      | Tularemia |      | Typhoid Fever |      | Rabies in Animals |      |
|-------------------------|---------|------------|---------|---------------------------------|------|-----------|------|---------------|------|-------------------|------|
|                         | 1965    | Cumulative |         | 1965                            | 1965 | Cum.      |      | 1965          | Cum. | 1965              | Cum. |
|                         |         | 1965       | 1964    |                                 |      | 1965      | 1965 |               |      |                   |      |
| UNITED STATES...        | 10,763  | 116,535    | 145,414 | 11,683                          | 2    | 53        | 11   | 90            | 125  | 1,267             |      |
| NEW ENGLAND.....        | 1,674   | 23,845     | 6,407   | 1,254                           | -    | -         | -    | 1             | 4    | 18                |      |
| Maine.....              | 50      | 1,874      | 799     | 29                              | -    | -         | -    | -             | -    | -                 |      |
| New Hampshire.....      | 9       | 309        | 119     | 11                              | -    | -         | -    | -             | -    | -                 |      |
| Vermont.....            | 54      | 358        | 1,318   | 37                              | -    | -         | -    | -             | 4    | 17                |      |
| Massachusetts.....      | 865     | 13,280     | 1,906   | 167                             | -    | -         | -    | 1             | -    | -                 |      |
| Rhode Island.....       | 211     | 2,661      | 478     | 87                              | -    | -         | -    | -             | -    | -                 |      |
| Connecticut.....        | 485     | 5,363      | 1,787   | 923                             | -    | -         | -    | -             | -    | 1                 |      |
| MIDDLE ATLANTIC.....    | 477     | 4,426      | 21,631  | 577                             | -    | -         | 2    | 11            | 4    | 40                |      |
| New York City.....      | 37      | 412        | 7,103   | 48                              | -    | -         | 1    | 6             | -    | -                 |      |
| New York, Up-State..... | 111     | 1,478      | 4,962   | 354                             | -    | -         | -    | 3             | 4    | 38                |      |
| New Jersey.....         | 105     | 800        | 4,977   | 76                              | -    | -         | 1    | 1             | -    | -                 |      |
| Pennsylvania.....       | 224     | 1,736      | 4,589   | 99                              | -    | -         | -    | 1             | -    | 2                 |      |
| EAST NORTH CENTRAL...   | 2,586   | 21,185     | 32,608  | 1,426                           | -    | 1         | 2    | 12            | 21   | 86                |      |
| Ohio.....               | 539     | 4,638      | 6,247   | 257                             | -    | -         | -    | 3             | 15   | 15                |      |
| Indiana.....            | 156     | 891        | 7,835   | 231                             | -    | -         | 2    | 4             | 1    | 8                 |      |
| Illinois.....           | 71      | 651        | 6,329   | 249                             | -    | 1         | -    | 1             | 1    | 23                |      |
| Michigan.....           | 1,433   | 11,187     | 8,188   | 474                             | -    | -         | -    | 3             | 1    | 13                |      |
| Wisconsin.....          | 387     | 3,818      | 4,009   | 215                             | -    | -         | -    | 1             | 3    | 27                |      |
| WEST NORTH CENTRAL...   | 439     | 8,977      | 4,314   | 424                             | -    | 5         | -    | 3             | 23   | 211               |      |
| Minnesota.....          | 44      | 270        | 111     | 16                              | -    | -         | -    | -             | 6    | 53                |      |
| Iowa.....               | 102     | 4,952      | 1,928   | 116                             | -    | -         | -    | -             | 10   | 70                |      |
| Missouri.....           | 119     | 1,245      | 430     | 2                               | -    | 3         | -    | 3             | 2    | 31                |      |
| North Dakota.....       | 171     | 2,261      | 1,439   | 238                             | -    | -         | -    | -             | -    | 8                 |      |
| South Dakota.....       | 3       | 54         | 3       | 26                              | -    | 1         | -    | -             | -    | 13                |      |
| Nebraska.....           | -       | 195        | 403     | -                               | -    | -         | -    | -             | 4    | 15                |      |
| Kansas.....             | NN      | NN         | NN      | 26                              | -    | 1         | -    | -             | 1    | 21                |      |
| SOUTH ATLANTIC.....     | 951     | 14,370     | 13,384  | 1,591                           | 1    | 20        | 2    | 22            | 19   | 204               |      |
| Delaware.....           | 13      | 251        | 165     | 25                              | -    | -         | -    | 2             | -    | -                 |      |
| Maryland.....           | 56      | 502        | 1,648   | 324                             | -    | -         | 2    | 8             | -    | 2                 |      |
| Dist. of Columbia.....  | 3       | 15         | 266     | 4                               | -    | -         | -    | -             | -    | -                 |      |
| Virginia.....           | 123     | 2,101      | 3,570   | 404                             | -    | 3         | -    | 2             | 13   | 166               |      |
| West Virginia.....      | 423     | 9,139      | 3,176   | 489                             | -    | -         | -    | 1             | 2    | 7                 |      |
| North Carolina.....     | 4       | 160        | 491     | 42                              | 1    | 4         | -    | 7             | -    | -                 |      |
| South Carolina.....     | 64      | 405        | 1,890   | 27                              | -    | 3         | -    | 2             | -    | -                 |      |
| Georgia.....            | 5       | 397        | 123     | 6                               | -    | 10        | -    | -             | 2    | 16                |      |
| Florida.....            | 260     | 1,400      | 2,055   | 270                             | -    | -         | -    | -             | 2    | 13                |      |
| EAST SOUTH CENTRAL...   | 674     | 6,683      | 17,955  | 1,704                           | -    | 13        | 3    | 12            | 26   | 411               |      |
| Kentucky.....           | 6       | 778        | 7,466   | 105                             | -    | 3         | -    | 5             | 3    | 28                |      |
| Tennessee.....          | 438     | 4,043      | 8,321   | 1,482                           | -    | 9         | -    | 3             | 23   | 376               |      |
| Alabama.....            | 141     | 1,356      | 436     | -                               | -    | 1         | 1    | 2             | -    | 7                 |      |
| Mississippi.....        | 89      | 506        | 1,732   | 117                             | -    | -         | 2    | 2             | -    | -                 |      |
| WEST SOUTH CENTRAL...   | 1,866   | 16,114     | 23,319  | 825                             | 1    | 9         | -    | 13            | 20   | 214               |      |
| Arkansas.....           | 1       | 781        | 359     | 2                               | 1    | 5         | -    | 5             | 2    | 31                |      |
| Louisiana.....          | 5       | 35         | 44      | 11                              | -    | 1         | -    | 2             | 2    | 42                |      |
| Oklahoma.....           | 14      | 102        | 262     | 65                              | -    | 3         | -    | 1             | 3    | 37                |      |
| Texas.....              | 1,846   | 15,196     | 22,654  | 747                             | -    | -         | -    | 5             | 13   | 104               |      |
| MOUNTAIN.....           | 702     | 9,113      | 6,217   | 1,945                           | -    | 5         | 1    | 11            | 4    | 24                |      |
| Montana.....            | 142     | 2,458      | 1,226   | 75                              | -    | 1         | -    | -             | -    | 3                 |      |
| Idaho.....              | 79      | 1,346      | 810     | 172                             | -    | -         | -    | -             | -    | -                 |      |
| Wyoming.....            | 29      | 409        | 27      | 45                              | -    | -         | -    | 1             | -    | -                 |      |
| Colorado.....           | 261     | 1,680      | 944     | 1,218                           | -    | -         | -    | -             | -    | -                 |      |
| New Mexico.....         | 41      | 335        | 127     | 212                             | -    | -         | 1    | 7             | 3    | 3                 |      |
| Arizona.....            | 53      | 340        | 2,343   | 103                             | -    | -         | -    | 3             | 1    | 18                |      |
| Utah.....               | 94      | 2,471      | 375     | 120                             | -    | 4         | -    | -             | -    | -                 |      |
| Nevada.....             | 3       | 74         | 365     | -                               | -    | -         | -    | -             | -    | -                 |      |
| PACIFIC.....            | 1,394   | 11,822     | 19,579  | 1,937                           | -    | -         | 1    | 5             | 4    | 59                |      |
| Washington.....         | 398     | 3,631      | 7,234   | 393                             | -    | -         | 1    | 1             | -    | -                 |      |
| Oregon.....             | 193     | 1,764      | 2,198   | 45                              | -    | -         | -    | -             | -    | 1                 |      |
| California.....         | 560     | 5,115      | 9,171   | 1,415                           | -    | -         | -    | 3             | 4    | 58                |      |
| Alaska.....             | 6       | 94         | 867     | 33                              | -    | -         | -    | -             | -    | -                 |      |
| Hawaii.....             | 237     | 1,218      | 109     | 51                              | -    | -         | -    | 1             | -    | -                 |      |
| Puerto Rico             | 103     | 734        | 1,824   | 26                              | -    | -         | -    | -             | -    | 1                 |      |

Week No. 13 Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED APRIL 3, 1965

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

| Area                 | All Causes |                   | Pneumonia and Influenza All Ages | Under 1 year All Causes | Area  | All Causes |                   | Pneumonia and Influenza All Ages | Under 1 year All Causes |
|----------------------|------------|-------------------|----------------------------------|-------------------------|---|------------|-------------------|----------------------------------|-------------------------|
|                      | All Ages   | 65 years and over |                                  |                         |   | All Ages   | 65 years and over |                                  |                         |
| NEW ENGLAND:         | 726        | 451               | 39                               | 34                      | SOUTH ATLANTIC:                                   | 1,327      | 698               | 71                               | 80                      |
| Boston, Mass.        | 218        | 133               | 8                                | 11                      | Atlanta, Ga.                                      | 162        | 81                | 12                               | 11                      |
| Bridgeport, Conn.    | 41         | 24                | 4                                | 6                       | Baltimore, Md.                                    | 321        | 158               | 8                                | 18                      |
| Cambridge, Mass.     | 39         | 24                | -                                | 2                       | Charlotte, N. C.                                  | 45         | 20                | 1                                | 3                       |
| Fall River, Mass.    | 37         | 25                | 1                                | 2                       | Jacksonville, Fla.                                | 69         | 28                | -                                | 7                       |
| Hartford, Conn.      | 46         | 29                | -                                | -                       | Miami, Fla.                                       | 155        | 80                | 8                                | 4                       |
| Lowell, Mass.        | 36         | 24                | 2                                | 1                       | Norfolk, Va.                                      | 52         | 28                | 6                                | 2                       |
| Lynn, Mass.          | 24         | 15                | 1                                | 1                       | Richmond, Va.                                     | 103        | 52                | 8                                | 13                      |
| New Bedford, Mass.   | 26         | 18                | 5                                | -                       | Savannah, Ga.                                     | 35         | 15                | 4                                | 2                       |
| New Haven, Conn.     | 44         | 28                | 3                                | 2                       | St. Petersburg, Fla.                              | 89         | 68                | 7                                | 2                       |
| Providence, R. I.    | 71         | 41                | 3                                | -                       | Tampa, Fla.                                       | 81         | 50                | 10                               | 6                       |
| Somerville, Mass.    | 10         | 8                 | -                                | -                       | Washington, D. C.                                 | 181        | 101               | 4                                | 10                      |
| Springfield, Mass.   | 46         | 33                | 3                                | 5                       | Wilmington, Del.                                  | 34         | 17                | 3                                | 2                       |
| Waterbury, Conn.     | 29         | 14                | 2                                | 2                       |   |            |                   |                                  |                         |
| Worcester, Mass.     | 59         | 35                | 7                                | 2                       | EAST SOUTH CENTRAL:                               | 676        | 361               | 55                               | 46                      |
|                      |            |                   |                                  |                         | Birmingham, Ala.                                  | 78         | 42                | 2                                | 8                       |
| MIDDLE ATLANTIC:     | 3,234      | 1,925             | 147                              | 165                     | Chattanooga, Tenn.                                | 81         | 41                | 17                               | 8                       |
| Albany, N. Y.        | 36         | 22                | 2                                | 4                       | Knoxville, Tenn.                                  | 38         | 23                | 1                                | -                       |
| Allentown, Pa.       | 28         | 16                | 1                                | -                       | Louisville, Ky.                                   | 132        | 73                | 14                               | 8                       |
| Buffalo, N. Y.       | 127        | 88                | 4                                | 5                       | Memphis, Tenn.                                    | 153        | 79                | 8                                | 9                       |
| Camden, N. J.        | 54         | 31                | -                                | 4                       | Mobile, Ala.                                      | 63         | 28                | 4                                | 8                       |
| Elizabeth, N. J.     | 34         | 22                | -                                | 1                       | Montgomery, Ala.                                  | 41         | 20                | 3                                | 1                       |
| Erie, Pa.            | 36         | 26                | 3                                | -                       | Nashville, Tenn.                                  | 90         | 55                | 6                                | 4                       |
| Jersey City, N. J.   | 73         | 40                | 3                                | 5                       |   |            |                   |                                  |                         |
| Newark, N. J.        | 102        | 48                | 9                                | 10                      | WEST SOUTH CENTRAL:                               | 1,200      | 626               | 64                               | 84                      |
| New York City, N. Y. | 1,743      | 1,009             | 72                               | 81                      | Austin, Tex.                                      | 35         | 21                | 6                                | 3                       |
| Paterson, N. J.      | 38         | 22                | 1                                | 3                       | Baton Rouge, La.                                  | 33         | 21                | 1                                | 1                       |
| Philadelphia, Pa.    | 362        | 215               | 17                               | 25                      | Corpus Christi, Tex.                              | 29         | 15                | 1                                | 2                       |
| Pittsburgh, Pa.      | 212        | 127               | 9                                | 7                       | Dallas, Tex.                                      | 147        | 71                | 3                                | 13                      |
| Reading, Pa.         | 53         | 35                | 2                                | 3                       | El Paso, Tex.                                     | 55         | 31                | 3                                | 4                       |
| Rochester, N. Y.     | 111        | 71                | 8                                | 6                       | Fort Worth, Tex.                                  | 79         | 37                | 2                                | 7                       |
| Schenectady, N. Y.   | 27         | 19                | 1                                | 3                       | Houston, Tex.                                     | 220        | 100               | 9                                | 11                      |
| Scranton, Pa.        | 35         | 24                | 2                                | 1                       | Little Rock, Ark.                                 | 67         | 36                | 5                                | 10                      |
| Syracuse, N. Y.      | 57         | 41                | 4                                | 2                       | New Orleans, La.                                  | 220        | 107               | 12                               | 18                      |
| Trenton, N. J.       | 32         | 20                | 1                                | 1                       | Oklahoma City, Okla.                              | 92         | 48                | 4                                | 6                       |
| Utica, N. Y.         | 36         | 28                | 5                                | -                       | San Antonio, Tex.                                 | 107        | 64                | 2                                | 2                       |
| Yonkers, N. Y.       | 38         | 21                | 3                                | 4                       | Shreveport, La.                                   | 49         | 31                | 10                               | 2                       |
|                      |            |                   |                                  |                         | Tulsa, Okla.                                      | 67         | 44                | 6                                | 5                       |
| EAST NORTH CENTRAL:  | 2,721      | 1,555             | 122                              | 177                     | MOUNTAIN:   | 452        | 262               | 32                               | 27                      |
| Akron, Ohio          | 70         | 38                | -                                | 4                       | Albuquerque, N. Mex.                              | 40         | 30                | 9                                | 2                       |
| Canton, Ohio         | 31         | 21                | 4                                | 4                       | Colorado Springs, Colo.                           | 32         | 25                | 3                                | 3                       |
| Chicago, Ill.        | 808        | 425               | 38                               | 64                      | Denver, Colo.                                     | 135        | 78                | 7                                | 11                      |
| Cincinnati, Ohio     | 175        | 116               | 8                                | 5                       | Ogden, Utah                                       | 17         | 8                 | 2                                | 2                       |
| Cleveland, Ohio      | 190        | 99                | 3                                | 12                      | Phoenix, Ariz.                                    | 105        | 53                | 3                                | 5                       |
| Columbus, Ohio       | 131        | 69                | 7                                | 16                      | Pueblo, Colo.                                     | 20         | 13                | -                                | -                       |
| Dayton, Ohio         | 78         | 44                | 1                                | 3                       | Salt Lake City, Utah                              | 48         | 30                | 4                                | 2                       |
| Detroit, Mich.       | 391        | 218               | 25                               | 33                      | Tucson, Ariz.                                     | 55         | 25                | 4                                | 2                       |
| Evansville, Ind.     | 40         | 28                | 2                                | -                       |   |            |                   |                                  |                         |
| Flint, Mich.         | 42         | 20                | -                                | 7                       | PACIFIC:  | 1,579      | 925               | 48                               | 76                      |
| Fort Wayne, Ind.     | 33         | 22                | 2                                | -                       | Berkeley, Calif.                                  | 16         | 11                | -                                | -                       |
| Gary, Ind.           | 30         | 14                | 4                                | 3                       | Fresno, Calif.                                    | 50         | 26                | -                                | 2                       |
| Grand Rapids, Mich.  | 50         | 31                | 7                                | 1                       | Glendale, Calif.                                  | 45         | 35                | -                                | 3                       |
| Indianapolis, Ind.   | 195        | 113               | 4                                | 8                       | Honolulu, Hawaii                                  | 49         | 19                | -                                | 7                       |
| Madison, Wis.        | 41         | 27                | 1                                | 5                       | Long Beach, Calif.                                | 64         | 40                | 1                                | 2                       |
| Milwaukee, Wis.      | 137        | 87                | 3                                | 3                       | Los Angeles, Calif.                               | 498        | 289               | 24                               | 24                      |
| Peoria, Ill.         | 30         | 21                | 2                                | 1                       | Oakland, Calif.                                   | 100        | 53                | 1                                | 6                       |
| Rockford, Ill.       | 26         | 14                | 2                                | 1                       | Pasadena, Calif.                                  | 46         | 32                | 1                                | -                       |
| South Bend, Ind.     | 46         | 34                | 3                                | -                       | Portland, Oreg.                                   | 105        | 57                | 1                                | 3                       |
| Toledo, Ohio         | 109        | 71                | 5                                | 3                       | Sacramento, Calif.                                | 60         | 32                | 2                                | 2                       |
| Youngstown, Ohio     | 68         | 43                | 1                                | 4                       | San Diego, Calif.                                 | 91         | 58                | 5                                | 6                       |
|                      |            |                   |                                  |                         | San Francisco, Calif.                             | 186        | 111               | 5                                | 6                       |
| WEST NORTH CENTRAL:  | 936        | 567               | 48                               | 62                      | San Jose, Calif.                                  | 42         | 24                | 3                                | 3                       |
| Des Moines, Iowa     | 55         | 32                | 4                                | 5                       | Seattle, Wash.                                    | 146        | 88                | 4                                | 8                       |
| Duluth, Minn.        | 22         | 18                | 2                                | -                       | Spokane, Wash.                                    | 40         | 25                | -                                | 3                       |
| Kansas City, Kans.   | 47         | 24                | 5                                | 3                       | Tacoma, Wash.                                     | 41         | 25                | 1                                | 1                       |
| Kansas City, Mo.     | 156        | 104               | 6                                | 8                       |   |            |                   |                                  |                         |
| Lincoln, Nebr.       | 22         | 18                | 1                                | 1                       | Total   | 12,851     | 7,370             | 626                              | 751                     |
| Minneapolis, Minn.   | 132        | 80                | 1                                | 5                       |   |            |                   |                                  |                         |
| Omaha, Nebr.         | 93         | 55                | 5                                | 3                       | Cumulative Totals                                 |            |                   |                                  |                         |
| St. Louis, Mo.       | 267        | 148               | 12                               | 30                      | including reported corrections for previous weeks |            |                   |                                  |                         |
| St. Paul, Minn.      | 82         | 50                | 3                                | 2                       |   |            |                   |                                  |                         |
| Wichita, Kans.       | 60         | 38                | 9                                | 5                       | All Causes, All Ages                              | 174,707    |                   |                                  |                         |
|                      |            |                   |                                  |                         | All Causes, Age 65 and over                       | 100,019    |                   |                                  |                         |
|                      |            |                   |                                  |                         | Pneumonia and Influenza, All Ages                 | 8,710      |                   |                                  |                         |
|                      |            |                   |                                  |                         | All Causes, Under 1 Year of Age                   | 10,200     |                   |                                  |                         |



## INTERNATIONAL NOTES - QUARANTINE MEASURES

*Immunization Information for International Travel*  
1963-64 edition - Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

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**City:** Carbondale, Illinois

**Center:** Southern Illinois University Health Service  
Washington and Park  
Tel: 453-3311

**Clinic Hours:** Tues. & Thurs., 2-5 p.m.

**Fee:** Yes

U. S. DEPARTMENT OF  
HEALTH, EDUCATION AND WELFARE  
PUBLIC HEALTH SERVICE  
Communicable Disease Center  
Atlanta, Georgia 30333

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THE EDITOR  
MORBIDITY AND MORTALITY WEEKLY REPORT  
COMMUNICABLE DISEASE CENTER  
ATLANTA, GEORGIA 30333

NOTE: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

SYMBOLS: --- DATA NOT AVAILABLE  
- QUANTITY ZERO

THE CONSTRUCTION OF THE MORTALITY CURVES IS DESCRIBED IN VOL. 14, NO. 1.

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